

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

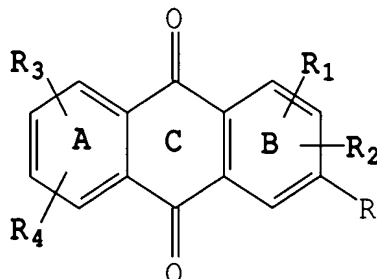
LISTING OF CLAIMS

Claims 1 - 21 (Cancelled)

-22- (Currently Amended)

An antihelminthic composition which comprises:

(a) at least one anthraquinone of the formula:



wherein R₁, R₂, R₃, and R₄ are each selected from the group consisting of hydrogen, hydroxy, halogen, methyl, acetyl, acetyloxy, COOH, O-glucopyranoside and methyl-O-glucopyranoside groups ~~alkyl, alkene, alkyne, aryl, aryl, cyclic, COOH, and carbohydrate groups~~, which provides antihelminthic activity, R is selected from the group consisting of methyl ~~alkyl~~, acetyl, acetyloxy ~~aldehyde~~, hydroxy, hydroxymethyl, COOH, O-glucopyranoside and methyl-O-pyranoside ~~and carbohydrate groups~~, ~~the carbon containing of the group R containing 1 to 12 carbon atoms~~, and the halogen is selected from the group consisting of I, F, Br, and Cl, but not 1,2,8-trihydroxy-3-methyl anthraquinone or

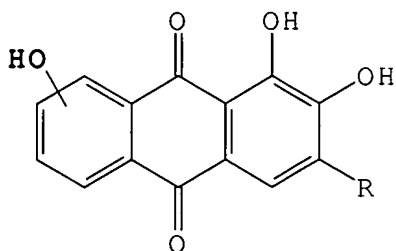
1,8-hydroxy-3-R-anthraquinone where R is methyl, hydroxyl, hydroxymethyl or COOH; and

(b) a pharmaceutically acceptable carrier, wherein the composition contains between about 1 and 1,000 micrograms of the anthraquinone per milliliter or gram of the carrier.

-23-(Currently Amended)

An antihelminthic composition which comprises:

(a) at least one anthraquinone of the formula:



wherein R is selected from the group consisting of acetyl, acetyloxy aldehyde, hydroxymethyl, COOH and ~~carbohydrate groups~~, O-glucopyranoside and methyl-O-glucopyranoside groups; and

(b) a pharmaceutically acceptable carrier, wherein the composition contains between about 1 and 1,000 micrograms of the anthraquinone per milliliter or gram of the carrier.

-24- (Previously Amended)

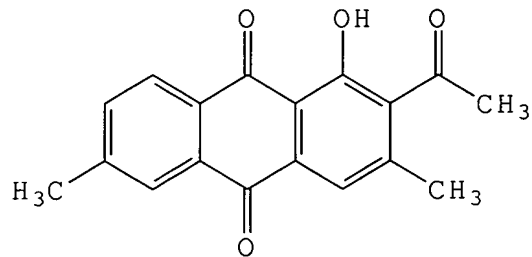
An antihelminthic composition which comprises:

(a) at least one anthraquinone selected from the group consisting of 1-hydroxy-2-acetyl-3,6-methyl anthraquinone, 2-acetyl-3,6-methyl anthraquinone monoacetate, 1-hydroxy-2-acetyl-3,7-methyl anthraquinone, 2-acetyl-3,7-methyl anthraquinone monoacetate, 1,8-dihydroxy-2-O- α -D-glucopyranoside anthraquinone, 1,2,8-trihydroxy-3-hydroxymethyl anthraquinone, and 1,8-dihydroxy-3-carboxy anthraquinone; and

(b) a pharmaceutically acceptable carrier, wherein the composition contains between about 1 and 1,000 micrograms of the anthraquinone per milliliter or gram of the carrier.

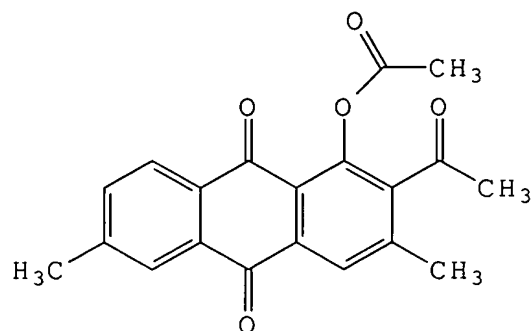
-25- (Presently presented)

An isolated and purified anthraquinone which has the formula:



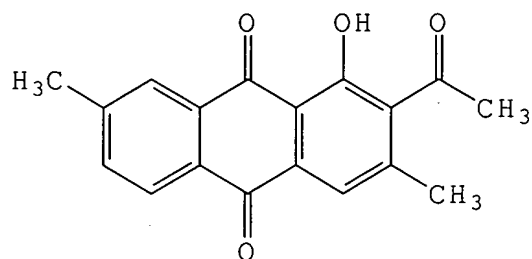
-26- (Previously presented)

An isolated and purified anthraquinone which has the formula:



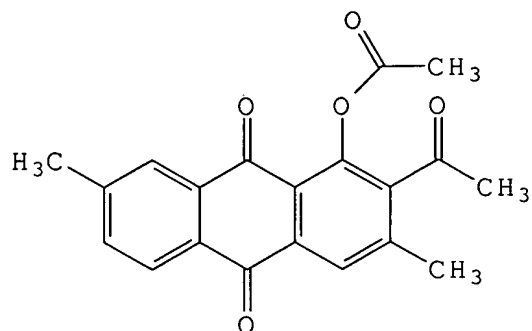
-27- (Previously presented)

An isolated and purified anthraquinone which has the formula:



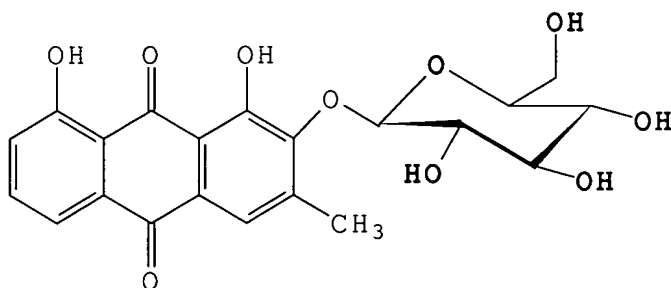
-28- (Previously presented)

An isolated and purified anthraquinone which has the formula:



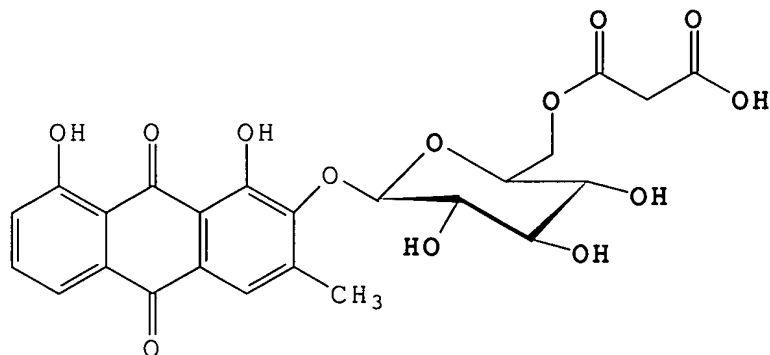
-29- (Previously presented)

An isolated and purified anthraquinone which has the formula:



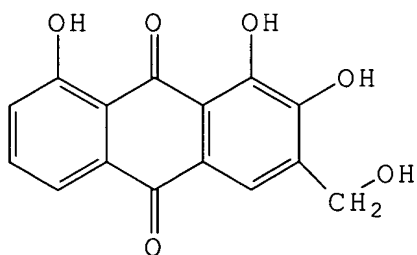
-30- (Previously presented)

An isolated and purified anthraquinone which has the formula:



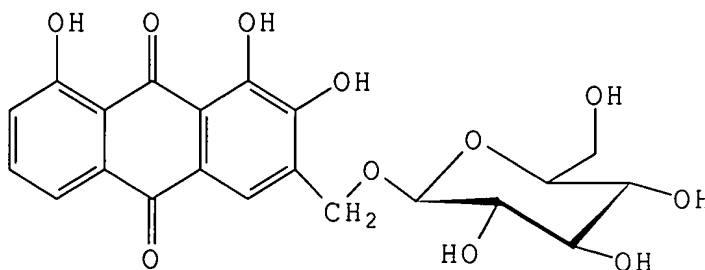
-31- (Previously presented)

An isolated and purified anthraquinone which has the formula:



-32- (Previously presented)

An isolated and purified anthraquinone which has the formula:



-33- (Previously presented)

An isolated and purified anthraquinone which has the formula:

